Multiple Output Programmable Linear D.C. Power Supply



PST-3201/3202











FEATURES

- * Digitized Programmable Interface
- * High Resolution 10mV, 1mA
- * 192 x 128 LCD Display, Simultaneously Shows Settings and Measuring Result
- * Over-Voltage, Over-Current, Over **Temperature Protection**
- * Intelligent Fan Control (Changes by Output Power)
- * 100 Sets Memory * Auto Step Running With Timer Setting
- * Auto Series and Parallel Function
- * LabVIEW Driver
- * Standard Interface : RS-232C
- * Optional Interface : GPIB (IEEE-488.2)
- * Optional European Jack Type Terminal

European Type Jack Terminal



Rear Panel



PST series is 3-channel, 96Wy or 158W, programmable linear DC power supplies. High resolution is maintained at 10mV, 1mA (3A). OVP, OCP, and OTP protect the PST-Series and its loads from unexpected conditions. PST-Series is capable of independent, series or parallel operation for increased flexibility. The large LCD display conveniently displays all outputs and configurations simultaneously to simplify operation. The programmable interface allows automatic stepping, 100 sets of memory and comprehensive timing operations. GPIB and RS232C interfaces, Labview drivers and SCPI compatibility allow easy ATE software development and remote control. The versatile PST-Series is ideal for high resolution, multiple output, automated operations such as production testing and rack mounting systems.

| PST-3202 | SPECIFICATIONS | | | | | | | | |
|---|--------------------------|--|-----------------|--|--|--|--|--|--|
| OUTPUT | SPECIFICATIONS | | | | | | | | |
| Voltage | | PST-3202 | PST-3201 | | | | | | |
| Current O-2Ax2, 0-5Ax1 O-33Vx3 | OUTPUT | | | | | | | | |
| DOUP 0-33Vx2, 0-7Vx1 0-33Vx3 | _ | | | | | | | | |
| Voltage | | | | | | | | | |
| Voltage | | U~33VXZ, U~7VXI U~33VX3 | | | | | | | |
| LINE REGULATION | _ | 3mV (< 5mV rating current > | 3 00) | | | | | | |
| LINE REGULATION | | | | | | | | | |
| Voltage | | <u> - (- 0)</u> | | | | | | | |
| Current | | < 3mV | | | | | | | |
| RESOLUTION | <u> </u> | | | | | | | | |
| Voltage | | | | | | | | | |
| Current OVP 1mM (2mA, rating current > 3.0A) 10mV PROGRAM ACCURACY(25 ± 5°C) Voltage Current OVP ≤ 0.05%+20mV ≤ 0.1%+5mA (+10mA, rating current>3.0A) ≤ 0.05%+20mV RIPPLE & NOISE(20Hz-20MHz) Voltage Current Ripple: ≤ 1mVrms/3mVp-p; Noise: ≤ 2mVrms/30mVp-p ≤ 3mArms (≤ 5mArms, rating current > 3.0A) TEMPERATURE COEFFICIENT (0 ~ 40 °C) Voltage ≤ 100ppm+3mV Current ≤ 100ppm+3mV Current ≤ 100ppm+3mA READBACK RESOLUTION ImA(2mA, rating voltage > 36V) Voltage 10mV(20mV, rating voltage > 36V) Current ≤ 0.05%+10mV(+20mV, rating voltage > 36V) Voltage ≤ 0.1%+5mA(+10mA, rating current>3.0A) READBACK TEMPERATURE COEFFICIENT Voltage Voltage ≤ 100ppm+10mV(+20mV, rating voltage > 36V) Current ≤ 100ppm+10mV(+20mV, rating voltage > 36V) Voltage Up (10%-90%) ≤ 100mS Voltage Down (90%-10%) ≤ 100mS Voltage Solve rating load) DRIFT Voltage Conservation ≤ 100ppm+10mV(+20mV, rating voltage > 36V) Tracking Error ≤ 0.1%+20mV Series(Load Effect) > 0.1%+20mV <t< th=""><td></td><td>10m\/</td><td></td></t<> | | 10m\/ | | | | | | | |
| OVP 10mV PROGRAM ACCURACY(25 ±5°C) 2 0.05%+20mV Current ≤ 0.1%+5mA (+10mA, rating current>3.0A) OVP ≤ 0.05%+20mV RIPPLE & NOISE(20Hz-20MHz) Ripple: ≤ 1mVrms/3mVp-p; Noise: ≤ 2mVrms/30mVp-p Voltage Ripple: ≤ 1mVrms/3mVp-p; Noise: ≤ 2mVrms/30mVp-p Current ≤ 3mArms (≤ 5mArms, rating current >3.0A) TEMPERATURE COEFFICIENT (0 ~ 40 °C) Voltage ≤ 100ppm+3mA Current 10mV (20mV, rating voltage >36V) Current 10mV(20mV, rating voltage >36V) Current 1mA (2mA, rating current >3.0A) READBACK ACCURACY(25 ± 5°C) Voltage ≤ 0.05%+10mV (+20mV, rating voltage >36V) Current ≤ 100ppm+10mV (+20mV, rating voltage >36V) ≤ 0.1%+5mA(+10mA, rating current>3.0A) READBACK TEMPERATURE COEFFICIENT Voltage ≤ 100ppm+10mV (+20mV, rating voltage >36V) Current ≤ 150ppm+10mA(+20mA, rating current >3.0A) RESPONSE TIME Voltage Up (10%-90%) ≤ 100mS | _ | | | | | | | | |
| PROGRAM ACCURACY(25 \pm 5°C) Voltage Current OVP S 0.05%+20mV RIPPLE & NOISE(20Hz-20MHz) Voltage Current Voltage Current S mArms (\leq 5mArms, rating current>3.0A) FEMPERATURE COEFFICIENT (0 ~ 40 °C) Voltage Current S 100ppm+3mV ≤ 100ppm+3mA READBACK RESOLUTION Voltage Current InmA(2mA, rating voltage >36V) Current Voltage Current S 0.05%+10mV(+20mV, rating voltage >36V) EXEMPLANCE TEMPERATURE COEFFICIENT Voltage Current Voltage Current S 100ppm+10mV(+20mV, rating voltage >36V) EXEMPLANCE TEMPERATURE COEFFICIENT Voltage Current Voltage Current S 100ppm+10mV(+20mV, rating voltage >36V) EXEMPLANCE TEMPERATURE COEFFICIENT Voltage Voltage Voltage Voltage Voltage Up (10%-90%) Voltage Up (10%-90%) Voltage Down (90%-10%) FRESPONSE TIME Voltage Voltage S 100mS ≤ 100ppm+10mV(+20mV, rating voltage >36V) EXEMPLANCE TEMPERATION Tracking Error S 100ppm+10mV(+20mV, rating voltage >36V) ≤ 150ppm+10mA(+20mA, rating current >3.0A) TRACK OPERATION Tracking Error Series(Load Effect) Voltage ≤ 30.1%+20mV ≤ 20mV PARALLEL OPERATION Program Accuracy(25±5°C) Voltage ≤ 3mV; Current ≤ 6mA MEMORY | | | 9 | | | | | | |
| Voltage Current OVP So.1%+5mA (+10mA, rating current>3.0A) ≤ 0.05%+20mV RIPPLE & NOISE(20Hz~20MHz) Voltage Current Ripple: ≤ 1mVrms/3mVp-p; Noise: ≤ 2mVrms/30mVp-p ≤ 3mArms (≤ 5mArms, rating current >3.0A) TEMPERATURE COEFFICIENT (0 ~ 40 ° C) Voltage Current Solution Voltage Current 10mV (20mV, rating voltage >36V) 1mA (2mA, rating current >3.0A) READBACK RESOLUTION Voltage Current Noltage Current Solution Voltage Current Solution Voltage Current Soloppm+10mV(+20mV, rating voltage >36V) ≤ 100mS ≤ 100mS ≤ 100mS ≤ 100mS ≤ 100mS ≤ 100mS ≤ 100ppm+10mV(+20mV, rating voltage >36V) ≤ 150ppm+10mA TRACK OPERATION Program Accuracy(25±5°C) Voltage ≤ 0.05%+20mV, current ≤ 0.1%+10mA, OVP ≤ 0.05%+20mV Voltage ≤ 3mV; Current ≤ 6mA MEMORY | | | | | | | | | |
| Current OVP ≤ 0.1%+5mA (+10mA, rating current>3.0A) ≤ 0.05%+20mV RIPPLE & NOISE(20Hz~20MHz) Voltage Current SamArms (≤ 5mArms, rating current >3.0A) TEMPERATURE COEFFICIENT (0 ~ 40 °C) Voltage Current SamArms (≤ 5mArms, rating current >3.0A) TEMPERATURE COEFFICIENT (0 ~ 40 °C) Voltage Current SamArms (≤ 5mArms, rating current >3.0A) TEMPERATURE COEFFICIENT (0 ~ 40 °C) Voltage Current SamArms (≤ 5mArms, rating current >3.0A) TEMPERATURE COEFFICIENT (0 ~ 40 °C) Voltage Current SamArms (≤ 5mArms, rating current >3.0A) READBACK RESOLUTION Voltage SamArms (≤ 5mArms, rating current >3.0A) READBACK RESOLUTION Voltage SamArms (≤ 5mArms, rating current >3.0A) READBACK RESOLUTION Voltage SamArms (≤ 5mArms, rating current >3.0A) READBACK RESOLUTION Voltage SamArms (≤ 5mArms, rating current >3.0A) TREADBACK RESOLUTION Voltage SamArms (≤ 5mArms, rating current >3.0A) TRACB OPERATION Tracking Error Series (Load Effect) Somos Voltage SamV(SamArms, rating current >3.0A) Voltage SamV(SamArms, rating current >3.0A) Program Accuracy (25±5°C) Voltage SamV(SamArms, rating current >3.0A) | | | | | | | | | |
| OVP RIPPLE & NOISE(20Hz~20MHz) Voltage Current SimArms (≤ 5mArms, rating current >3.0A) TEMPERATURE COEFFICIENT (0 ~ 40 ° C) Voltage Current Simple: ≤ 100ppm+3mV ≤ 100ppm+3mV ≤ 100ppm+3mA READBACK RESOLUTION Voltage Current InmA(2mA, rating current >3.0A) READBACK ACCURACY(25 ± 5 ° C) Voltage Current Voltage Simple: ≤ 100ppm+3mV ≤ 100ppm+3mV ≤ 100ppm+3mV ≤ 100ppm+3mA READBACK RESOLUTION Voltage Current Voltage Simple: Simple | _ | | urrent>3 0A) | | | | | | |
| RIPPLE & NOISE(20Hz-20MHz) Voltage Current Ripple: ≤ 1mVrms/3mVp-p; Noise: ≤ 2mVrms/30mVp-p ≤ 3mArms (≤ 5mArms, rating current >3.0A) TEMPERATURE COEFFICIENT (0 ~ 40 ° C) Voltage Current READBACK RESOLUTION Voltage 10mV(20mV, rating voltage >36V) 1mA(2mA, rating current >3.0A) READBACK ACCURACY(25 ± 5 ° C) Voltage Current Voltage Current Voltage Current Voltage ≤ 0.05%+10mV(+20mV, rating voltage >36V) ≤ 0.1%+5mA(+10mA, rating current >3.0A) READBACK TEMPERATURE COEFFICIENT Voltage Voltage Voltage Voltage Voltage Voltage V100pm+10mV(+20mV, rating voltage >36V) ≤ 150ppm+10mA(+20mA, rating current >3.0A) RESPONSE TIME Voltage Up (10%-90%) Voltage Down (90%-10%) Voltage Current Voltage TRACK OPERATION Tracking Error Series(Load Effect) Voltage Sourv Voltage | | , | | | | | | | |
| Voltage | | | | | | | | | |
| Current ≤ 3mArms (≤ 5mArms, rating current >3.0A) TEMPERATURE COEFFICIENT (0 ~ 40 ° C) Voltage ≤ 100ppm+3mV ≤ 100ppm+3mA READBACK RESOLUTION Voltage 10mV (20mV, rating voltage >36V) | • | | | | | | | | |
| TEMPERATURE COEFFICIENT (0 ~ 40 ° C) Voltage Current Seadback RESOLUTION Voltage Current 10mV (20mV, rating voltage > 36V) 1mA (2mA, rating current > 3.0A) READBACK ACCURACY(25 ± 5 ° C) Voltage Current Solution Voltage Current Voltage Current Voltage Current Voltage Current Voltage Current Solution Voltage Current Voltage Current Voltage Current Voltage Current Voltage Current Voltage Up (10%-90%) Voltage Down (90%-10%) DRIFT Voltage Current Solution TRACK OPERATION TRACK OPERATION TRACK OPERATION TRACK OPERATION Program Accuracy (25±5° C) Voltage ≤ 0.1%+20mV Series (Load Effect) Voltage ≤ 3mV (≤ 5mV, rating current>3.0A); Current≤ 6mA Voltage ≤ 3mV; Current ≤ 6mA MEMORY | | | | | | | | | |
| Voltage Current ≤ 100ppm+3mV ≤ 100ppm+3mA READBACK RESOLUTION Voltage Current 10mV(20mV, rating voltage >36V) 1mA(2mA, rating current >3.0A) READBACK ACCURACY(25 ± 5 °C) Voltage Current ≤ 0.05%+10mV(+20mV, rating voltage >36V) ≤ 0.1%+5mA(+10mA, rating current>3.0A) READBACK TEMPERATURE COEFFICIENT Voltage Current Voltage Current Voltage Up (10%-90%) Voltage Up (10%-90%) Voltage Down (90%-10%) DRIFT Voltage Current Tracking Error Series(Load Effect) PARALLEL OPERATION Program Accuracy(25±5°C) Voltage ≤ 3mV(≤ 5mV, rating current>3.0A); Current≤ 6mA Voltage ≤ 3mV; Current≤ 6mA MEMORY | | , | urrent >3.0A) | | | | | | |
| Current ≤ 100ppm+3mA READBACK RESOLUTION Voltage | _ | | | | | | | | |
| READBACK RESOLUTION Voltage Current 10mV(20mV, rating voltage >36V) 1mA(2mA, rating current >3.0A) READBACK ACCURACY(25 ± 5 °C) Voltage Current ≤ 0.05%+10mV(+20mV, rating voltage >36V) ≤ 0.1%+5mA(+10mA, rating current>3.0A) READBACK TEMPERATURE COEFFICIENT Voltage Current Voltage Current Voltage Current Voltage Up (10%-90%) Voltage Down (90%-10%) DRIFT Voltage Current ≤ 100ppm+10mV(+20mV, rating voltage >36V) ≤ 150ppm+10mA(+20mA, rating current >3.0A) RESPONSE TIME Voltage Down (90%-10%) Voltage Down (90%-10%) S 100mS | _ | | | | | | | | |
| Voltage Current $10mV(20mV, rating voltage > 36V)$ $1mA(2mA, rating current > 3.0A)$ READBACK ACCURACY(25 \pm 5 °C) Voltage $\leq 0.05\% + 10mV(+20mV, rating voltage > 36V)$ $\leq 0.1\% + 5mA(+10mA, rating current > 3.0A)$ READBACK TEMPERATURE COEFFICIENT Voltage $\leq 100ppm + 10mV(+20mV, rating voltage > 36V)$ $\leq 150ppm + 10mA(+20mA, rating current > 3.0A)$ RESPONSE TIME Voltage Up (10%–90%) $\leq 100mS$ Voltage Down (90%–10%) $\leq 100mS$ Voltage $\leq 100mS \leq 10\% rating load)$ DRIFT Voltage $\leq 100ppm + 10mV(+20mV, rating voltage > 36V)$ $\leq 150ppm + 10mA$ TRACK OPERATION Tracking Error $\leq 100ppm + 10mV(+20mV, rating voltage > 36V)$ $\leq 150ppm + 10mA$ TRACK OPERATION PRABLLEL OPERATION Program Accuracy (25 \pm 5° C) $\leq 0.1\% + 20mV$ $\leq 20mV$ PARALLEL OPERATION Program Accuracy (25 \pm 5° C) $Voltage \leq 0.05\% + 20mV, Current \leq 0.1\% + 10mA, OVP \leq 0.05\% + 20mV$ Voltage $\leq 3mV(\leq 5mV, rating current > 3.0A); Current \leq 6mA$ MEMORY | | | | | | | | | |
| Current | READBACK RESOLUTION | | | | | | | | |
| READBACK ACCURACY(25 ± 5 °C) Voltage | Voltage | 10mV(20mV, rating voltage >36V) | | | | | | | |
| Voltage $\leq 0.05\%+10$ mV ($+20$ mV, rating voltage >36 V) $\leq 0.1\%+5$ mA ($+10$ mA, rating current> 3.0 A) READBACK TEMPERATURE COEFFICIENT Voltage ≤ 100 ppm+ 10 mV ($+20$ mV, rating voltage >36 V) ≤ 150 ppm+ 10 mA ($+20$ mA, rating current >3.0 A) RESPONSE TIME Voltage Up ($10\%-90\%$) ≤ 100 mS ≤ 100 mS ($\geq 10\%$ rating load) DRIFT Voltage Current ≤ 100 ppm+ 10 mV ($+20$ mV, rating voltage >36 V) ≤ 100 mS ($\geq 10\%$ rating load) TRACK OPERATION Tracking Error ≤ 100 ppm+ 10 mV ($+20$ mV, rating voltage >36 V) ≤ 150 ppm+ 10 mA TRACK OPERATION Program Accuracy ($25\pm5^{\circ}$ C) $\leq 0.1\%+20$ mV ≤ 20 mV PARALLEL OPERATION Program Accuracy ($25\pm5^{\circ}$ C) $\leq 0.05\%+20$ mV, Current $\leq 0.1\%+10$ mA, OVP $\leq 0.05\%+20$ mV Voltage ≤ 3 mV (≤ 5 mV, rating current> ≤ 3.0 A); Current ≤ 6 mA MEMORY | Current | 1mA(2mA, rating current >3.0A) |) | | | | | | |
| Current $\leq 0.1\%+5\text{mA}(+10\text{mA, rating current}>3.0\text{A})$ READBACK TEMPERATURE COEFFICIENTVoltage $\leq 100\text{ppm}+10\text{mV}(+20\text{mV, rating voltage}>36\text{V})$ Current $\leq 150\text{ppm}+10\text{mA}(+20\text{mA, rating current}>3.0\text{A})$ RESPONSE TIMEVoltage Up (10%–90%) Voltage Down (90%–10%) $\leq 100\text{mS}$ $\leq 100\text{mS}$ $\leq 100\text{mS}$ ($\geq 10\%$ rating load)DRIFTVoltage Current $\leq 100\text{ppm}+10\text{mV}(+20\text{mV, rating voltage}>36\text{V})$ $\leq 150\text{ppm}+10\text{mA}$ TRACK OPERATIONTracking Error Series(Load Effect) $\leq 0.1\%+20\text{mV}$ $\leq 20\text{mV}$ PARALLEL OPERATIONProgram Accuracy(25±5°C) Voltage $\leq 0.05\%+20\text{mV, Current} \leq 0.1\%+10\text{mA,}$ $0\text{VP} \leq 0.05\%+20\text{mV}$ Voltage $\leq 3\text{mV}(\leq 5\text{mV, rating current}>3.0\text{A})$; Current $\leq 6\text{mA}$ MEMORY | READBACK ACCURACY(25 | 5 ± 5 °C) | | | | | | | |
| Current $\leq 0.1\%+5\text{mA}(+10\text{mA, rating current}>3.0\text{A})$ READBACK TEMPERATURE COEFFICIENTVoltage $\leq 100\text{ppm}+10\text{mV}(+20\text{mV, rating voltage}>36\text{V})$ Current $\leq 150\text{ppm}+10\text{mA}(+20\text{mA, rating current}>3.0\text{A})$ RESPONSE TIMEVoltage Up (10%–90%) Voltage Down (90%–10%) $\leq 100\text{mS}$ $\leq 100\text{mS}$ $\leq 100\text{mS}$ ($\geq 10\%$ rating load)DRIFTVoltage Current $\leq 100\text{ppm}+10\text{mV}(+20\text{mV, rating voltage}>36\text{V})$ $\leq 150\text{ppm}+10\text{mA}$ TRACK OPERATIONTracking Error Series(Load Effect) $\leq 0.1\%+20\text{mV}$ $\leq 20\text{mV}$ PARALLEL OPERATIONProgram Accuracy(25±5°C) Voltage $\leq 0.05\%+20\text{mV, Current} \leq 0.1\%+10\text{mA,}$ $0\text{VP} \leq 0.05\%+20\text{mV}$ Voltage $\leq 3\text{mV}(\leq 5\text{mV, rating current}>3.0\text{A})$; Current $\leq 6\text{mA}$ MEMORY | Voltage | < 0.05%+10mV(+20mV, rating voltage >36V) | | | | | | | |
| Voltage ≤ 100 ppm+ 10 mV(+ 20 mV, rating voltage > 36 V) ≤ 150 ppm+ 10 mA(+ 20 mA, rating current > 3.0 A) RESPONSE TIME Voltage Up (10% - 90%) ≤ 100 mS ≤ 100 mS ($\geq 10\%$ rating load) DRIFT Voltage Current ≤ 100 ppm+ 10 mV(+ 20 mV, rating voltage > 36 V) ≤ 100 mS ($\geq 10\%$ rating load) TRACK OPERATION Tracking Error ≤ 100 ppm+ 10 mV (10 pmV, rating voltage > 30 pmV PARALLEL OPERATION Program Accuracy (10 pmV 10 pmV 10 pmV, 10 pmV 10 p | _ | , | | | | | | | |
| Voltage ≤ 100 ppm+ 10 mV(+ 20 mV, rating voltage > 36 V) ≤ 150 ppm+ 10 mA(+ 20 mA, rating current > 3.0 A) RESPONSE TIME Voltage Up (10% - 90%) ≤ 100 mS ≤ 100 mS ($\geq 10\%$ rating load) DRIFT Voltage Current ≤ 100 ppm+ 10 mV(+ 20 mV, rating voltage > 36 V) ≤ 100 mS ($\geq 10\%$ rating load) TRACK OPERATION Tracking Error ≤ 100 ppm+ 10 mV (10 pmV, rating voltage > 30 pmV PARALLEL OPERATION Program Accuracy (10 pmV 10 pmV 10 pmV, 10 pmV 10 p | READBACK TEMPERATUR | , | | | | | | | |
| Current ≤ 150ppm+10mA(+20mA, rating current >3.0A) RESPONSE TIME Voltage Up (10%–90%) Voltage Down (90%–10%) DRIFT Voltage Current Current Current Current Voltage Current C | _ | | g voltage >36V) | | | | | | |
| RESPONSE TIME Voltage Up (10%–90%) Voltage Down (90%–10%) DRIFT Voltage Current TRACK OPERATION Tracking Error Series (Load Effect) PARALLEL OPERATION Program Accuracy (25 \pm 5° C) Load Effect Source Effect MEMORY Voltage ≤ 100 pm+10mV (+20mV, rating voltage >36V) ≤ 150 ppm+10mA ≤ 100 ppm+10mV (+20mV, rating voltage >36V) ≤ 100 ppm+10mA Voltage ≤ 100 ppm+10mV (+20mV, rating voltage >36V) Voltage ≤ 100 ppm+10mA Voltage ≤ 100 ppm+10mV (+20mV, rating voltage >36V) Voltage ≤ 100 ppm+10mV (+20mV, rating voltage >36V) Voltage ≤ 100 ppm+10mV (+20mV, rating voltage ≤ 100 pmV, voltage ≤ 100 pmV, voltage ≤ 100 pmV, voltage ≤ 100 pmV, rating current ≤ 100 pmV, voltage ≤ 100 pmV, rating current ≤ 100 pmV, voltage ≤ 100 pmV, rating current ≤ 100 pmV, voltage ≤ 100 pmV, rating current ≤ 100 pmV, voltage ≤ 100 pmV, rating current ≤ 100 pmV, voltage ≤ 100 pmV, rating current ≤ 100 pmV, voltage ≤ 100 pmV, rating current ≤ 100 pmV, voltage ≤ 100 pmV, rating current ≤ 100 pmV, voltage ≤ 100 pmV, rating current ≤ 100 pmV, voltage ≤ 100 pmV, rating current ≤ 100 pmV, voltage ≤ 100 pmV, rating current ≤ 100 pmV, voltage ≤ 100 pmV, rating current ≤ 100 pmV, voltage ≤ 100 pmV, rating current ≤ 100 pmV, voltage ≤ 100 pmV, rating current ≤ 100 pmV, rating current ≤ 100 pmV, voltage ≤ 100 pmV, rating current ≤ 100 pmV, rating voltage ≤ 100 pmV, r | _ | | | | | | | | |
| Voltage Up (10%–90%) \leq 100mS \leq 100mS (≥ 10% rating load) DRIFT Voltage Current \leq 100ppm+10mV(+20mV, rating voltage >36V) \leq 150ppm+10mA TRACK OPERATION Tracking Error \leq 0.1%+20mV \leq 20mV PARALLEL OPERATION Program Accuracy (25±5°C) Voltage \leq 0.05%+20mV, Current \leq 0.1%+10mA, OVP \leq 0.05%+20mV Voltage \leq 3mV(\leq 5mV, rating current>3.0A); Current \leq 6mA MEMORY | | = 1111 | | | | | | | |
| $\begin{tabular}{lllllllllllllllllllllllllllllllllll$ | _ | < 100ms | | | | | | | |
| $\begin{array}{ll} \textbf{DRIFT} & & \leq 100 \text{ppm+}10 \text{mV}(+20 \text{mV}, \text{ rating voltage } > 36 \text{V}) \\ & \leq 150 \text{ppm+}10 \text{mA} \\ \hline \textbf{TRACK OPERATION} & & \leq 0.1\% + 20 \text{mV} \\ \hline \textbf{Tracking Error} & \leq 0.1\% + 20 \text{mV} \\ \textbf{Series}(\text{Load Effect}) & \leq 20 \text{mV} \\ \hline \textbf{PARALLEL OPERATION} & & \\ \hline \textbf{Program Accuracy}(25 \pm 5^{\circ} \text{C}) & \text{Voltage} \leq 0.05\% + 20 \text{mV}, \text{Current} \leq 0.1\% + 10 \text{mA}, \\ & \text{OVP} \leq 0.05\% + 20 \text{mV} \\ \hline \textbf{Load Effect} & \text{Voltage} \leq 3 \text{mV}(\leq 5 \text{mV}, \text{ rating current} > 3.0 \text{A}); \text{ Current} \leq 6 \text{mA} \\ \hline \textbf{MEMORY} & & \\ \hline \end{tabular} $ | | | | | | | | | |
| $\begin{tabular}{c cccc} Voltage & \le 100ppm+10mV(+20mV, rating voltage > 36V) \\ & \le 150ppm+10mA \\ \hline TRACK OPERATION \\ \hline Tracking Error & \le 0.1\%+20mV \\ & \le 20mV \\ \hline PARALLEL OPERATION \\ \hline Program Accuracy(25\pm5°C) & Voltage \le 0.05\%+20mV, Current \le 0.1\%+10mA, OVP \le 0.05\%+20mV \\ Load Effect & Voltage \le 3mV(\le 5mV, rating current > 3.0A); Current \le 6mA \\ \hline MEMORY \\ \hline \end{tabular}$ | | ≥ 100m3 (≥ 10% rating load) | | | | | | | |
| | | 700 70 1/4 00 1/4 1/4 | l. 200 | | | | | | |
| $\begin{tabular}{lllllllllllllllllllllllllllllllllll$ | | | | | | | | | |
| $ \begin{array}{lll} & & & & \leq 0.1\% + 20 \text{mV} \\ & & & \leq 20 \text{mV} \\ & & & & \leq 20 \text{mV} \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & \\ & & & & \\ & & \\ & & & \\ & & \\ & & & \\ & & \\ & & & \\ & & \\ & & & \\ & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & $ | | ≥ 130ppm+10mA | | | | | | | |
| | | | | | | | | | |
| PARALLEL OPERATION Program Accuracy(25 \pm 5°C) Voltage ≤ 0.05%+20mV, Current ≤ 0.1%+10mA, OVP ≤ 0.05%+20mV Voltage ≤ 3mV(\leq 5mV, rating current>3.0A); Current≤ 6mA Voltage ≤ 3mV; Current ≤ 6mA MEMORY | | | | | | | | | |
| Program Accuracy(25±5°C)Voltage $\leq 0.05\%+20$ mV, Current $\leq 0.1\%+10$ mA, OVP $\leq 0.05\%+20$ mVLoad EffectVoltage ≤ 3 mV(≤ 5 mV, rating current>3.0A); Current ≤ 6 mASource EffectVoltage ≤ 3 mV; Current ≤ 6 mA | | <u>≤</u> 20mV | | | | | | | |
| | | | | | | | | | |
| Load Effect Voltage ≤ $3mV$ (≤ $5mV$, rating current>3.0A); Current≤ $6mA$ Source Effect Voltage ≤ $3mV$; Current ≤ $6mA$ MEMORY | Program Accuracy(25±5°C) | <u> </u> | | | | | | | |
| Source Effect Voltage ≤ 3mV; Current ≤ 6mA MEMORY | Load Effort | | | | | | | | |
| MEMORY | | | | | | | | | |
| " | | | | | | | | | |
| Store/ Recail 100 Sets | " | | | | | | | | |
| | Store/Recail | IOO Sets | | | | | | | |

| SPECIFICATIONS | | | | | |
|---|--|----------|--|--|--|
| | PST-3202 | PST-3201 | | | |
| TIMER | | | | | |
| Setting Time | 0.1 second~99 Minutes 59 second (Max. 99 Minutes 59 second x 100) | | | | |
| Resolution | 0.1 second | | | | |
| Function | Auto step running (for output working loop) | | | | |
| INTERFACE | | | | | |
| Standard: RS-232C; Option: GPIB (IEEE488.2) | | | | | |
| POWER SOURCE | | | | | |
| AC 100V/120V/220V ± 10%, 230V (+10%/-6%), 50/60Hz | | | | | |
| DIMENSIONS & WEIGHT | | | | | |
| 230(W) x 140(H) x 380(D) mm , Approx.10kg | | | | | |

| ORDERING INFORMATION | | | | | | | | |
|--|--|---|----------|--------------|-------------|--|--|--|
| PST-3202 158W Triple Output Programmable D.C. Power Supply PST-3201 96W Triple Output Programmable D.C. Power Supply | | | | | | | | |
| Model | Independent | Series | Parallel | Display Type | Weight (kg) | | | |
| PST-3201 | (0~32V/0~1A)x3 | 64V/1A | 32V/2A | LCD | 10 | | | |
| PST-3202 | (0~32V/0~2A)x2,(0~6V/0~5A)x1 | 64V/2A | 32V/4A | LCD | 10 | | | |
| ACCESSORIES: User manual x 1, Power cord x 1, Test lead: GTL-104A x 3 (PST-3202) or GTL-105A x 3 (PST-3201) European test lead: GTL-204A x 3 (PST-3202) or GTL-203A x 3 (PST-3201) | | | | | | | | |
| OPTION | | | | | | | | |
| Opt.01 | GPIB Interface (factory insta | GPIB Interface (factory installed) | | | | | | |
| OPTIONAL ACCESSORIES | | | | | | | | |
| GRA-407 | Rack Mounting(19",4U) | Rack Mounting(19",4U) | | | | | | |
| GTL-251 | GPIB-USB-HS (High Speed) | | | | | | | |
| GTL-232 | RS-232C Cable, 9-pin Female t | RS-232C Cable, 9-pin Female to 9-pin, null Modem for Computer | | | | | | |
| GTL-248 | GPIB Cable, Double Shielded, 2000mm | | | | | | | |
| FREE DOWNLOAD | | | | | | | | |
| PC Softwar Driver | PC Software including Data Log ; Remote Control Software LabView Driver | | | | | | | |

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